

## ABSTRACT

A subject-side apparatus 10A is provided with a cine memory 15 for sequentially storing an ultrasonic signal that is received by an ultrasonic wave transmission/reception portion 12 per each frame. Every time after 5 freezing when moving a pointer for designating a frame to be reproduced in a hospital-side apparatus 20A, a communication line interface 14 of the subject-side apparatus reproduces a frame that is required to be retransmitted by a console 24 of the hospital-side apparatus from the cine memory, and retransmits it to a communication line interface 21 of the 10 hospital-side apparatus via a communication line 30. Then, an ultrasonic image of the retransmitted frame is displayed on a monitor 23. When an examiner performs a diagnosis with respect to a subject in a remote location via the communication line, an ultrasonic image can be displayed with sufficiently suppressed degradation of an image quality compared with an 15 image quality of an original image, even at a low data rate of the communication line.